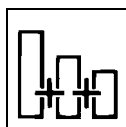


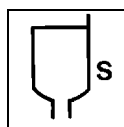
MAC 1

M1000 - MACROFAN FAST BINDER



1000 ml +
500 ml +
150 – 300 ml

Pot-life at 20° C:
4 – 5 h



17 – 19° DIN 4
at 20° C



Ø 1.3 – 1.4 mm
3.5 – 4 bar
HVLP:
1.3 – 1.4 mm
2 – 2.5 bar
N. of coats: 2 - 3



Air drying at 20° C:
16 – 24 h
Low bake at 60° C:
30 min.



6–7' flash off
10–16' max power

DESCRIPTION

Acryl-urethane binder that mixed by weight 50/50 with Base Colours MACROFAN HS SYSTEM, following the System formulations, enables to obtain medium solid two-pack finishing enamels in solid colours.

USE

For solid colour finishes of valuable manufactures.

CHARACTERISTICS

- Good hiding power
- Good high solids
- Easy to apply and excellent flow
- Excellent light and weather resistance
- Excellent gloss
- Very fast drying
- Easy to polish and simple to retouch

SUBSTRATE PREPARATION

Apply the finishing MACROFAN TOP COAT on one of the following filler-sealers, duly dry sanded with P 320 paper and degreased with 00695 SILICONE REMOVER SLOW:

- MAC 7 HS COLOR FILLER or 04190 MACROFAN HS FILLER
- MAC75 HS COLOR RAPIDFILLER or 04806-04810 MACROFAN HS RAPIDFILLER
- MAC 85 COLOR ISOSEALER or 04804 MACROFAN HS ISOSEALER
- 04004 - 04109 GREEN TI FILLER
- 04210 POLYFAN RUSH
- HF610 HYDROFAN 1K FILLER

or, in case of wet-on-wet system:

- MAC 85 HS COLOR ISOSEALER or 04804 MACROFAN HS ISOSEALER
- MAC 9 HS COLOR UNDERCOATS SEALER or 04122 HI-GARD SEALER

In case of old paintwork sand dry with P320 paper or scuff with Scotch Brite grey and degrease with 00695 SILICONE REMOVER SLOW.

APPLICATION

Spray application by conventional or HVLP guns.

Mixing ratio:

	By volume and by weight
MAC 1 (enamel MACROFAN HS obtained with BINDER M1000)	1000 parts
00362 (Medium) –00327 (Speedy) –00174 (Extra Speedy) -00379 (Slow)	
HARDENER HS	500 parts
00740 (Speedy) –741 (Medium) –742 (Slow) –743 (Low Voc)- 00755 (Extra Slow)	
THINNER AUTOREFINISHING	150 – 300 parts

< 15°C	15-35°C	> 35°C
00327-00174*	00362	00379

* 00174 hardener is suggested only for spot repairs.

Pot-life at 20° C: 4 – 5 hours
Spray viscosity at 20° C: 17 – 19" DIN 4
Air cap Ø: conventional gun 1.3 – 1.4 mm; HVLP gun 1.3 – 1.4 mm
Air pressure: conventional gun 3.5 – 4 bar; HVLP gun 2 – 2.5 bar
Number of coats: 2 – 3
Interval between the coats: 10 – 15 min.
Suggested film thickness: 50 – 60 µ
Coverage (theoretic value): 1 l mixture = 7-7.5 m² at 50 µ
1 kg mixture = 6.5-7 m² at 50 µ
V.O.C. R.F.U. (17-19" DIN 4): 550 g/l

DRYING TIME

Air drying at 20 °C:

Dust free: 10 ÷ 15 min.
Tack free: 6 ÷ 7 hours
Through dry: 16 - 24 hours

Low bake at 60 °C:

30 min.

IR drying:

after 6-7 min. flash off
10-16 min. max power

The complete hardening occurs after 3 ÷ 4 days.

POLISHING

After 24 h at 20 °C or 1 h at 60 °C.

SPECIAL NOTE

In case of drying at temperatures below 60 °C, when the full hardness of the film is not yet achieved, aggressive conditions (washing, rain, heavy humidity condensations like dew and hoar-frost, smog, detergents and de-icing salt) should be avoided.

**TECHNICAL DATA SHEET N° 0441/1-GB
UP DATED 05/2006**

The information shown in these sheets is given in good faith as being true and although every effort of verification has been made before use, we cannot accept responsibility for any inaccuracy. THIS PRODUCT IS FOR THE PROFESSIONAL PAINTING OF ROAD VEHICLES BY QUALIFIED PERSONNEL